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DECLARATIO	ON FOR	Attorney Dock	cet No.						
UTILITY OR		First Named Inventor							
PATENT APPL	ICATION		<del></del>	TE IF KNOWN					
		Application No	).						
☐ Declaration	Declaration	Filing Date							
submitted with or	submitted after	Group Art Unit							
initial filing	initial filing	Examiner Nam	e						
As a below named inventor,	I hereby declare tha	ut:							
My residence, post office ad	dress, and citizenshi	ip are as stated belo	w next to my n	name.					
I believe I am the original, fi inventor (if plural names are on the invention entitled:	rst and sole inventor listed below) of the	r (only if one name subject matter whi	is listed below ch is claimed a	v) or an original, first and joint and for which a patent is sought					
PATTERN DETECT	rion apparatu	JS							
	(T	itle of the Invention	.)	<del></del>					
the specification of which is attached hereto or was filed on 02/15			•	iternational Application Number:					
PCT/JP2004 and was am	ended on	(if applica	ble).	Turnous Tippication Tallioon					
/001894			•						
I hereby state that I have reviciams, as amended by any a	iewed and understan mendment specifical	ld the contents of the lly referred to above	e above identi e.	fied specification, including the					
I acknowledge the duty to dis Federal Regulations § 1.56.	sclose information w	vhich is material to	patentability a	as defined in Title 37, Code of					
I hereby claim foreign priorical application(s) for patent or in designated at least one count below, by checking the box, international application have	nventor's certificate, ry other than the Un any foreign applicat ing a filing date befo	or § 365(a) of any ited States of Amer ion for patent or invoce that of the applications.	PCT internation ica, listed belowentor's certification.	onal application which ow and have also identified icate, or of any PCT					
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YY)	Priority Not Claimed	Certified Copy Attached YES NO					
2003-044407	JP	02/21/2003	710t Glained						
PCT/JP2004/001894	WO.								
Additional foreign application number	here are listed on a symplem	antal priority data short Di	CO/CD /02D -#1 1						
I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.  Application Number (s) Filing Date (MM/DD/YY) Additional provisional									
Application Number (s)	MM/DD/YY)	application n suppl priori	itional provisional numbers are listed on a lemental ity data sheet PTO/SB/02B hed hereto.						

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			DECLARA	TION - U	tility C	r Design Pater	nt Applicat	ion					
	I hereby claim the benefit	under Title 3:	5. United State	s Code §120	of any U	nited States applica	tion(s) of any	PCT Int	ernational applica	tion	designating		
	the United States of Amer	ica, listed belo	ow and, insofar	as the subject	t matter	of each of the claim	s of this applie	cation is	not disclosed in	the p	rior United		
	States or PCT International disclose information which	u application h is material t	in the matter pr	ovided by the	e first pai	agraph of Title 35,	United States	Code § 1	12, I acknowledg	e the	duty to		
	filing date of the prior app	lication and the	ne national or F	CT internation	nnal filin	date of this applic	eguianons 9 1.	oo wnic	n became availab	ie be	tween the		
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	As a named inventor, I he Trademark Office connect	reby appoint t	he following re	gistered prac	titioner(s	) to prosecute this a	pplication and	to trans	sact all business in	n the	Patent and		
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	John E. McGarry		22,360		Joel	E. Bair			356_				
	H. Lawrence Smith		<b>-24,900</b>			ard D. Grauer			388—				
1	Ralph T. Rader		28,772			hael D. Fishman		31,					
/V	Joseph V. Coppola, Sr.		33,373			k A. Davis			1-18				
	Michael B. Stewart		36,018	<del></del>	Stef	an V. Chemielev	vski		914				
	Alexander D. Rabinovi	ch	37,425	-	Kris	tin L. Murphy		41,					
	Kevin D. Rutherford		40,412	_		id K. Benson			314				
	Glenn E. Forbis		40,610	_	Chri	stopher M. Tanı	ner		518				
	Ronald P. Kananen		24,104	_		Robert S. Green			41,800				
	Matthew J. Russo	41,282			Brian K. Dutton			47,255					
	G. Thomas Williams		42,228	<b>ــ</b> ــ									
	Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.												
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	Attorney		. Kananen,					-	<u></u>				
	Firm Name		Fishman & Grauer PLLC										
	Address	Oth Street, N.W, Suite 501											
	City, State, Zip	ton, D.C. 20036											
	Country	US	_ T	elephone_	20	)2-955-3750	Fax		202-955-375	51			
	I hereby declare that all state	ements made l	nerein of my ov	vn knowledge	are true	and that-all-stateme	ents made on i	nformat	ion and belief are	heli	eved to be		
	true; and further that these s	tatements wer	e made with the	e knowledge	that willf	ul false statements	and the like so	made a	re nunishable by	fine	OΓ		
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	Name of First Invent				etition	nas been filed fo	or this unsig	gned ir	ventor				
	Given Name	(first and	middle [if ar	1y])		·	Family N	ame o	r Surname				
	Hiroyuki					OTAKE							
	Inventor's Signature		Horoguel Ota			Vis Old VI			Dated 1/1 20 2025				
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	Name of Second Inventor			☐ A ne	etition l	as been filed for							
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Approved for use through 6/30/98. OMB 0651-0032 Patent and Trademark Office; US DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **DECLARATION FOR** Attorney Docket No. **UTILITY OR DESIGN** First Named Inventor PATENT APPLICATION COMPLETE IF KNOWN Application No. Declaration Declaration Filing Date submitted with or submitted after Group Art Unit initial filing initial filing Examiner Name As a below named inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (only if one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PATTERN DETECTION APPARATUS (Title of the Invention) the specification of which is attached hereto was filed on 02/19/2020 United States Application Number or PCT International Application Number: PCT/JP2004 and was amended on \_\_\_\_\_ (if applicable). 001894 I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56. I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filing Date Priority Certified Copy Attached (MM/DD/YY) Not Claimed YES NO 2003-044407 JP 02/21/2003 PCT/JP2004/001894 WO. 02/19/2004 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto: I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below. Application Number (s) Filing Date (MM/DD/YY) Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B

attached hereto.

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PTO/SB/01 (3-97)

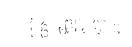
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I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United													
States or PCT International application in the matter provided by the first paragraph of Title 35. United States Code \$112. I acknowledge the duty to													
disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the													
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As a named inventor, I her	As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and												
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Registration Registration													
Name				umber	$\bot$		Name				Num	ber	
John E. McGarry			22,360			oel E.			•	33,3			
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Ralph T. Rader			28,772				l D. Fishmar	n		31,9	951		
Joseph V. Coppola, Sr.			33,373				Davis			37,			
Michael B. Stewart			36,018				V. Chemiele	wski		39,9	914		
Alexander D. Rabinovic	ch		37,425				L. Murphy			41,2	212		
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Glenn E. Forbis			40,610				pher M. Tan	ner	-	41,5			
Ronald P. Kananen			24,104				S. Green			41,8			
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Attorney Ronald P. Kananen, Esq.													
Firm Name	Rader, Fishman & Grauer PLLC												
Address		33 20th Street, N.W, Suite 501											
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or													
imprisonment, or both, unde	r Section 100	l of Ti	itle 18 of	the United S	tates	Code ar	d that such wi	llful fal	se statem	ents m	av jeopardize the	va.	lidity of the
application or any patent issu	ed thereon.												
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Inventor's Signature		- الما	rogul	lok or	t.1	ies /	•			Date	d May	- ₹	0,2005
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## JC14 Rec'd PCT/PTO 18 JUL 2005

Docket No.: SON-2926 (PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hiroyuki Otake

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: Pattern Detection Apparatus

Examiner: Not Yet Assigned

## INDICATION OF TEN PRACTITIONERS UNDER 37 CFR § 1.32(c)

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned, as an attorney or patent agent of record, requests the following ten patent practitioners named in the power of attorney to be recognized by the Patent and Trademark Office as being of record in application or patent to which the power of attorney is directed, under 37 C.F.R. § 1.32(c):

## Please associate Customer No. 23353 with this application.

	Registration		Registration
Name	Number	Name	Number
Ronald P. Kananen	24,104	Shawn B. Cage	51,522
Ralph T. Rader	28,772	Carl Schaukowich	29,211
Michael D. Fishman	31,951	Jonathon Lee	56,561
Steven L. Nichols	40,326	Brian K. Dutton	47,255
Kristin L. Murphy	41,212	Lee Cheng	40,949

July 18, 2005

Respectfully submitted,

Ronald P. Kananen Reg. No. 24,104

Rader, Fishman & Grauer PLLC

Suite 501

1233 20th Street, N.W. Washington, D.C. 20036 Telephone: (202) 955-3750 Facsimile: (202) 955-3751

Customer No. 23353